

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicant : Levenson et al. Art Unit : 2858  
Serial No. : 10/573,242 Examiner : Trung Q. Nguyen  
Filed : August 13, 2008 Conf. No. : 7670  
Title : SPECTRAL IMAGING OF BIOLOGICAL SAMPLES

**Mail Stop Amendment**

Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

RESPONSE TO RESTRICTION REQUIREMENT

In response to the Restriction Requirement made in the Action mailed October 11, 2001, identified Group II (claims 1-33, 36-37, 39, 41-59, 68-73, 75-76, 78, 80-115, and 167) is elected for examination. This election is made without traverse.

The Action also identified species of invention corresponding to Figure 8 (Species A), Figure 10 (Species B), and Figure 12 (Species C). Applicants elect Species A (Figure 8) for examination. This election is made without traverse.

Claims 1-33, 36-37, 39, 41-59, 68-73, 75-76, 78, 80-115, and 167 read on the elected group and species. Applicants note that Species C is a specific embodiment of Species A. In particular, the more general step 835 of “Determin[ing] spectra for target compound and autofluorescence” in Figure 8 is replaced by the more specific steps of “Perform[ing] spectral component decomposition” (step 1235) and “Determin[ing] eigenvectors corresponding to autofluorescence and target compound(s)” (step 1237). Steps 1235 and 1237 therefore disclose a specific embodiment of step 835. Accordingly, claims that read on the species of Figure 12 also read on the species of Figure 8.

As October 11, 2011, fell on a statutory holiday, and October 12 and 13 fell on a Saturday and Sunday, respectively, no fees are believed to be due. Please apply any necessary charges or credits to Deposit Account No. 06-1050, referencing Attorney Docket Number 12259-0034US1.

Respectfully submitted,

Date: November 14, 2011

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